

WHAT IS CLAIMED IS:

1. An information processing apparatus for receiving a broadcast signal and for transmitting information about a program created from said broadcast signal to another information processing apparatus which is connected via a network, said information processing apparatus comprising:

first extraction means for extracting content information of said program;

second extraction means for extracting relevant information of said program;

first output means for outputting said content information extracted by said first extraction means to said other information processing apparatus via said network so that said content information is recorded in a first recording medium of said other information processing apparatus;

conversion means for converting said relevant information extracted by said second extraction means into a format in which the information can be processed by said other information processing apparatus; and

second output means for outputting said relevant information whose format is converted by said conversion means to said other information processing apparatus via said network so that said relevant information whose format

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2. An information processing apparatus according to claim 1, wherein said network comprises an IEEE 1394 serial bus.

4. An information processing apparatus according to claim 1, wherein said second recording medium is an IC card attached to said first recording medium.

5. An information processing apparatus according to claim 1, wherein said relevant information contains at least one of the title, provider information, a provider name, a genre code, the recorded position in the first recording medium, the recording start date and time, and the number of updates.

6. An information processing method for use with an information processing apparatus for receiving a broadcast

signal and for transmitting information of a program created from said broadcast signal to another information processing apparatus which is connected via a network, said information processing method comprising:

a first extraction step of extracting content information of said program;

a second extraction step of extracting relevant information of said program;

a first output step of outputting said content information extracted in said first extraction step to said other information processing apparatus via said network so that the information is recorded in a first recording medium of said other information processing apparatus;

a conversion step of converting said relevant information extracted in said second extraction step into a format in which the information can be processed by said other information processing apparatus; and

a second output step of outputting said relevant information whose format is converted in said conversion step to said other information processing apparatus via said network so that the information is recorded in a second recording medium of said other information processing apparatus.

7. A computer-readable recording medium, having

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recorded therein a program, for use with an information processing apparatus for receiving a broadcast signal and for transmitting information of a program created from said broadcast signal to another information processing apparatus which is connected via a network, said program comprising:

a first extraction step of extracting content information of said program;

a second extraction step of extracting relevant information of said program;

a first output step of outputting said content information extracted in said first extraction step to said other information processing apparatus via said network so that the information is recorded in a first recording medium of said other information processing apparatus;

a conversion step of converting said relevant information extracted in said second extraction step into a format in which the information can be processed by said other information processing apparatus; and

a second output step of outputting said relevant information whose format is converted in said conversion step to said other information processing apparatus via said network so that the information is recorded in a second recording medium of said other information processing apparatus.

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reading means for reading said relevant information
recorded in said second recording medium of said other
information processing apparatus via said network;

display control means for controlling the display of
said relevant information whose format is converted by said
conversion means;

playback means for controlling said other information processing apparatus via said network and for playing back said content information of the program selected by said selection means from said first recording medium.

9. An information processing apparatus according to

storage means for storing said relevant information
which is converted by said conversion means; and

10. An information processing apparatus according to claim 8, wherein said network comprises an IEEE 1394 serial bus.

11. An information processing apparatus according to claim 8, wherein said first recording medium is a video cassette.

12. An information processing apparatus according to claim 8, wherein said second recording medium is an IC card attached to said first recording medium.

13. An information processing apparatus according to claim 8, wherein said relevant information contains at least one of the title, provider information, a provider name, a genre code, the recorded position in the first recording

14. An information processing method for use with an information processing apparatus for receiving information of a program from another information processing apparatus, which is connected via a network, having a first recording medium in which content information of programs is recorded and a second recording medium in which relevant information of programs is recorded, said information processing method comprising:

a conversion step of converting said relevant information which is read in said reading step into a format in which the information can be processed;

a display control step of controlling the display of said relevant information whose format is converted in said conversion step;

a selection step of selecting a desired program on the basis of said relevant information whose display is controlled in said display control step; and

a playback step of controlling said other information processing apparatus via said network and for playing back

15. A computer-readable recording medium, having recorded therein a program, for use with an information processing apparatus for receiving information of a program from another information processing apparatus, which is connected via a network, having a first recording medium in which content information of programs is recorded and a second recording medium in which relevant information of programs is recorded, said program comprising:

a conversion step of converting said relevant information which is read in said reading step into a format in which the information can be processed;

a selection step of selecting a desired program on the basis of said relevant information whose display is controlled in said display control step; and

a playback step of controlling said other information processing apparatus via said network and for playing back

16. An information processing apparatus for recording information of programs from another information processing apparatus which is connected through a network, said information processing apparatus comprising:

first recording means for recording content information of said program supplied from said other information processing apparatus via said network into a first recording medium on the basis of said first instruction acquired by said acquiring means;

second recording means for recording relevant information of said program into a second recording medium which is attached to said first recording medium on the basis of said second instruction acquired by said second acquiring means.

17. An information processing apparatus according to

18. An information processing apparatus according to claim 16, wherein said first recording medium is a video cassette.

20. An information processing apparatus according to claim 16, wherein said relevant information contains at least one of the title, provider information, a provider name, a genre code, the recorded position in the first recording medium, the recording start date and time, and the number of updates.

a first acquiring step of acquiring a first instruction from said other information processing apparatus via said

network;

a first recording step of recording content information of said program, supplied from said other information processing apparatus via said network, into a first recording medium on the basis of said first instruction acquired in said first acquiring step;

a second acquiring step of acquiring a second instruction from said other information processing apparatus via said network; and

a second recording step of recording the relevant information of said program into a second recording medium attached to said first recording medium on the basis of said second instruction acquired in said second acquiring step.

22. A computer-readable recording medium, having recorded therein a program, for use with an information processing apparatus for recording information of a program from another information processing apparatus which is connected through a network, said program comprising:

a first acquiring step of acquiring a first instruction from said other information processing apparatus via said network;

a first recording step of recording content information of said program, supplied from said other information processing apparatus via said network, into a first

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recording medium on the basis of said first instruction acquired in said first acquiring step;

a second acquiring step of acquiring a second instruction from said other information processing apparatus via said network; and

a second recording step of recording the relevant information of said program into a second recording medium attached to said first recording medium on the basis of said second instruction acquired in said second acquiring step.

23. An information processing apparatus for outputting information of a program to another information processing apparatus which is connected via a network in a case where a first recording medium in which content information of programs is recorded and a second recording medium in which relevant information of said programs is recorded are loaded, said information processing apparatus comprising:

first acquiring means for acquiring a first instruction from said other information processing apparatus via said network;

reading means for reading said relevant information recorded in said second recording medium and outputting the information to said other information processing apparatus via said network in accordance with said in first instruction;

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playback means for playing back said content information from the first recording medium on the basis of information about said content information acquired by said second acquiring means.

24. An information processing apparatus according to claim 23, wherein said network comprises an IEEE 1394 serial bus.

25. An information processing apparatus according to claim 23, wherein said first recording medium is a video cassette.

26. An information processing apparatus according to claim 23, wherein said second recording medium is an IC card attached to said first recording medium.

27. An information processing apparatus according to claim 23, wherein said relevant information contains at least one of the title, provider information, a provider name, a genre code, the recorded position in the first

28. An information processing method for use with an information processing apparatus for outputting information of a program to another information processing apparatus which is connected via a network in a case where a first recording medium in which content information of programs is recorded and a second recording medium in which relevant information of said programs is recorded are loaded, said information processing method comprising:

a reading step of reading said relevant information recorded in said second recording medium and outputting the information to said other information processing apparatus via said network in accordance with said first instruction;

a playback step of playing back said content information from the first recording medium on the basis of information about said content information acquired in said

second acquiring step.

29. A computer-readable recording medium, having recorded therein a program, for use with an information processing apparatus for outputting information of a program to another information processing apparatus which is connected via a network in a case where a first recording medium in which content information of programs is recorded and a second recording medium in which relevant information of said programs is recorded are loaded, said program comprising:

a first acquiring step of acquiring a first instruction from said other information processing apparatus via said network;

a reading step of reading said relevant information recorded in said second recording medium and outputting the information to said other information processing apparatus via said network in accordance with said first instruction;

a second acquiring step of acquiring information about content information of said program selected by said other information processing apparatus on the basis of said relevant information read in said reading step; and

a playback step of playing back said content information from the first recording medium on the basis of information about said content information acquired in said

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second acquiring step.

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